



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
401 M Street, S.W.  
WASHINGTON, D.C. 20460

9.21.04  
EPA

**Paperwork Reduction Act Notice:** The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and .025 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

**DATA MATRIX**

Date: September 20, 2004	EPA Reg. No./File Symbol: 72155-XX	Page 1 of 3
Applicant=s/Registrant=s Name & Address Bayer Environmental Science A Business Group of Bayer CropScience, LP 95 Chestnut Ridge Road Montvale, NJ 07645	Product: Imidacloprid 2.15 RD Insecticide	
Ingredient: Imidacloprid (CAS# 138261-41-3)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
Product Chemistry Data Requirements					
61-1	Identity of ingredients	44631301	432 - BR 1970 (EP)	OWN	
61-2	Statement of Composition	44631301	432 - BR 1970 (EP)	OWN	
61-3	Discussion of formation of impurities	44631301	432 - BR 1970 (EP)	OWN	
62-1	Preliminary analysis	44631301	432 - BR 1970 (EP)	OWN	
62-2	Certification of Limits	44631301	432 - BR 1970 (EP)	OWN	
62-3	Analytical method for enforcement limits	44631301	432 - BR 1970 (EP)	OWN	
63-1	Chemical and Physical Properties	44631301	432 - BR 1970 (EP)	OWN	
63-2	Appearance (Color)	44631301	432 - BR 1970 (EP)	OWN	
63-3	Physical State	44631301	432 - BR 1970 (EP)	OWN	
63-4	Odor	44631301	432 - BR 1970 (EP)	OWN	
63-5	Melting Point	44631301	432 - BR 1970 (EP)	OWN	
63-6	Boiling Point	44631301	432 - BR 1970 (EP)	OWN	

Signature <i>Charles W. Boyd</i>	Name and Title: Charles W. Boyd Registrations Manager	Date: September 20, 2004
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Ingredient: Imidacloprid (CAS# 138261-41-3)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
63-7	Density, bulk-density, or specific gravity	44631301	432 - BR 1970 (EP)	OWN	
63-8	Solubility	44631301	432 - BR 1970 (EP)	OWN	
63-9	Vapor Pressure	44631301	432 - BR 1970 (EP)	OWN	
63-10	Dissociation constant				N.A. Does not dissociate
63-11	Octanol/water partition coefficient	44631301	432 - BR 1970 (EP)	OWN	
63-12	pH	44631301	432 - BR 1970 (EP)	OWN	
63-13	Stability	44631301	432 - BR 1970 (EP)	OWN	
63-14	Oxidizing or Reduction Potential				N.A. Does not have oxidative or reduction characteristics
63-15	Flammability	44631301	432 - BR 1970 (EP)	OWN	
63-16	Explosability	44631301	432 - BR 1970 (EP)	OWN	
63-18	Viscosity	44631301	432 - BR 1970 (EP)	OWN	
63-19	Miscibility				N.A.- Not intended for dilution with petroleum solvents
63-20	Corrosion characteristics	44631301	432 - BR 1970 (EP)	OWN	

Signature

Charles W. Boyd

Name and Title: Charles W. Boyd  
Registrations Manager

Date: September 20, 2004



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Ingredient: Imidacloprid (CAS# 138261-41-3)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
63-21	Dielectric breakdown			OWN	N.A. Not intended for use around electrical equipment
64-1	Samples		Samples available upon request		
Section 158.340	<u>TOXICOLOGY</u>				
81-1	Acute oral toxicity, rat	44631302	432 - RN 108153 (EP)	OWN	
81-2	Acute dermal toxicity, rat	44631303	432 - RN 108151 (EP)	OWN	
81-3	Acute inhalation toxicity, rat		432 - Waived	OWN	
81-4	Primary eye irritation, rabbit	44631304	432 - RN 108180 (EP)	OWN	
81-5	Primary dermal irritation, rabbit	44631305	432 - RN 108181 (EP)	OWN	
81-6	Dermal sensitization, guinea pig	44631306	432 - RN 108150 (EP)	OWN	
810.3500	Efficacy Data	45009201	432	OWN	

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